

# DS-2CD1P47G2-L(UF) 4 MP Fixed Bullet PT Network Camera







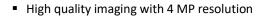












- 24/7 colorful imaging
- Pan and tilt ability that enables the camera to capture larger and interested areas
- Water and dust resistant (IP66)
- Efficient H.265+ compression technology
- Support Human and Vehicle Detection



## Specification

Inage Sensor         1/3" Progressive Scan CMOS           Max. Resolution         2560 × 1440           Shutter Time         1/3 s to 1/100,000 s           Min. Illumination         Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light           Day & Night         24/7 color imaging           Angle Adjustment         Pan: 1.00" to 100", tilt: -20" to 45"           Lens         Verbrough 1.00", tilt: -20" to 45"           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         4 mm, horizontal FOV 76", vertical FOV 41", diagonal FOV 113"           Lens Mount         M12           Liris Type         Fixed           Aperture         Max. F1.0           DORI         2 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m           Aperture         Max. F1.0           DORI           July District Light Range         White Light           Supplement Light Range         White Light           Supplement Light Range         Up to 30 m           Supplement Light Range         Up to 30 m           Main Stream         25 fps (1920 × 1080, 1280 × 720)           Main Stream         25 fps (1920 × 1080, 1280 × 720)           Main Stream         25 fps (1920 × 1080, 1280 × 720)           Sub-stream: H.265+H.265H	Camera		
Shutter Time         1/3 s to 1/100,000 s           Min. Illumination         Color: 0.001 Lux @ (FLO, AGC ON), 0 Lux with light           Day & Night         24/7 color imaging           Angle Adjustment         Pan: 1:00" to 100", tilit: 2:0" to 45"           Lens         Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 96", vertical FOV 52", diagonal FOV 113"         4 mm, horizontal FOV 76", vertical FOV 41", diagonal FOV 89"           Lens Mount         M12         Fixed         Max FLO           DORI         Max FLO           DORI         2.8 mm: D: 64 m, D: 25 m, R: 12 m, I: 6 m         4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Light Signal Range         Up to 30 m	Image Sensor	1/3" Progressive Scan CMOS	
Min. Illumination         Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light           Day & Night         24/7 color imaging           Angle Adjustment         Pan: 100* to 100*, titl: -20* to 45*           Lens         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Amm, horizontal FOV 96*, vertical FOV 52*, diagonal FOV 113*           4 mm, horizontal FOV 76*, vertical FOV 41*, diagonal FOV 89*           Lens Mount         M12           Iris Type         Fixed           Aperture         Max. F1.0           DORI         2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m           4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator         White Light           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video         Video           Job pic (2560 × 1440)         25 pic (1920 × 1080, 1280 × 720)           60 Hz:         20 fps (2560 × 1440)           24 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)           Wideo Compression         Main stream: H.265/H.264/H.264           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type	Max. Resolution	2560 × 1440	
Day & Night         24/7 color imaging           Angle Adjustment         Pan:-100" to 100", tilt: -20" to 45"           Lens         Lens           Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 96", vertical FOV 52", diagonal FOV 113"           4 mm, horizontal FOV 76", vertical FOV 41", diagonal FOV 89"           Lens Mount         M12           Iris Type         Fixed           Aperture         Max. F1.0           DORI         2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m           4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Range         Up to 30 m           Supplement Light Range         Up to 30 m           Main Stream         Yes           Video         50 Hz:           20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 Hz:         20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265+/H.264/H.264           Video Dist Rate         32 K bps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main Profile	Shutter Time	1/3 s to 1/100,000 s	
Angle Adjustment         Pan: -100° to 100°, tilt: -20° to 45°           Lens         Lens           Evens         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         Fixed           A mm, horizontal FOV 76°, vertical FOV 41°, diagonal FOV 89°           Lens Mount         M12           Iris Type         Max FLO           DORI         As mm. D: 64 m, O: 25 m, R: 12 m, I: 6 m           A mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light & Sips (1920 × 1080, 1280 × 720)         Fixed Main Stream           Main Stream         50 Hz:         20 fps (2560 × 1440)           25 ps (1920 × 1080, 1280 × 720)         60 Hz:         20 fps (2560 × 1440)           26 ps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)         60 Hz:           20 ps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)         60 Hz:           20 ps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)         60 Hz:           40 ps: 24 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)         60 Hz:         60 Hz:           20 ps: 25 fps (1920 × 1080,	Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light	
Lens         Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 96", vertical FOV 52", diagonal FOV 113" 4 mm, horizontal FOV 76", vertical FOV 41", diagonal FOV 89"           Lens Mount         M12           Iris Type         Fixed           Aperture         Max. F1.0           DORI           2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m 4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video           Vigeon           Main Stream         50 H2: 20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)         50 H2: 20 fps (2560 × 1440)           26 fps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.2657H.265/H.265/H.264/MJPEG           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main profile           Bit Rate Control         CBR/VBR <tr< td=""><td>Day &amp; Night</td><td>24/7 color imaging</td></tr<>	Day & Night	24/7 color imaging	
Lens Type         Fixed focal lens, 2.8 and 4 mm optional           Focal Length & FOV         2.8 mm, horizontal FOV 96°, vertical FOV 52°, diagonal FOV 113° 4 mm, horizontal FOV 96°, vertical FOV 41°, diagonal FOV 89°           Lens Mount         M12           Iris Type         Fixed           Aperture         Max. F1.0           DORI           2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m 4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video           Auin Stream         50 H2: 20 fps (2560 × 1440)           20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 H2: 24 fps (1920 × 1080, 1280 × 720)         60 H2: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Sub-Stream         50 H2: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265+H.265/H.264/H.264           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         4U: Mono so	Angle Adjustment	Pan: -100° to 100°, tilt: -20° to 45°	
Pocal Length & FOV	Lens		
Lens Mount   M12	Lens Type	Fixed focal lens, 2.8 and 4 mm optional	
A mm, horizontal FOV 76°, vertical FOV 41°, diagonal FOV 89°	5 11 11 0 501	2.8 mm, horizontal FOV 96°, vertical FOV 52°, diagonal FOV 113°	
Iris Type         Fixed           Aperture         Max. F1.0           DORI           2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m           4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           So Hz:           20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)           60 Hz:           20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)           60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fp	Focal Length & FOV	4 mm, horizontal FOV 76°, vertical FOV 41°, diagonal FOV 89°	
Aperture         Max. F1.0           DORI         2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m 4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video         Video           Main Stream         50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265+H.265/H.264+/H.264 32 kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         1 fixed region for main stream           Audio         Video           Audio Type         U: Mono sound           Environment Noise Filtering         -U: Yes           Audio Compression         -U: Sk Hz/16 kHz           Audio Compression         -U: 64 kbps (G.711 ulaw)/6.722.1/G.726/MP2L2/PCM/AAC-LC           -U: 64 kbps (G.711 ulaw)/6.4 kbps (G.711 alaw)/16 kbps (G.712.1/16 kbps (G.722.1/16 kbps (G.726)/32	Lens Mount	M12	
DORI         2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m           Illuminator           Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light Range         Up to 30 m           Video           Video           50 Hz:         20 fps (2560 × 1440)           20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Main stream: H.265+/H.265/H.264+/H.264           Video Compression         Main stream: H.265+/H.265/H.264+/H.264           Video Bit Rate         32 kbps to 8 Mbps           H.265 Type         Main Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         1 fixed region for main stream           Audio Type         -U. Mono sound           Environment Noise Filtering         -U. S kHz/16 kHz           Audio Compression         -U. 64 kbps (G.711 alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC           Audio Rit Rate         -U. 64 kbps (G.	Iris Type	Fixed	
DORI   2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m   4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m	Aperture	Max. F1.0	
Note	DORI		
Mmin D: 82 m, O: 32 m, R: 16 m, I: 8 m   Illuminator	DON	2.8 mm: D: 64 m, O: 25 m, R: 12 m, I: 6 m	
Supplement Light Type         White Light           Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video           Video           So Hz:             20 fps (2560 × 1440)             25 fps (1920 × 1080, 1280 × 720)             60 Hz:             20 fps (2560 × 1440)             24 fps (1920 × 1080, 1280 × 720)             60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 360)             80 Hz: 25 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (1280 × 720, 640 × 360)             80 Hz: 26 fps (128	DORI	4 mm: D: 82 m, O: 32 m, R: 16 m, I: 8 m	
Supplement Light Range         Up to 30 m           Smart Supplement Light         Yes           Video         Video           Main Stream         50 Hz:             20 fps (2560 × 1440)             25 fps (1920 × 1080, 1280 × 720)             60 Hz:             20 fps (2560 × 1440)             24 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265/H.264/H.264             Sub-stream: H.265/H.264/MJPEG           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         1 fixed region for main stream           Audio         Type           Audio Type         -U: Mono sound           Environment Noise Filtering         -U: Yes           Audio Compression         -U: 8 kHz/16 kHz           Audio Compression         -U: 67.11ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC           Audio Bit Rate         -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Illuminator		
Smart Supplement Light         Yes           Video         50 Hz:             20 fps (2560 × 1440)             25 fps (1920 × 1080, 1280 × 720)             60 Hz:             20 fps (2560 × 1440)             24 fps (1920 × 1080, 1280 × 720)             60 Hz:             20 fps (2560 × 1440)             24 fps (1920 × 1080, 1280 × 720)             60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)             60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)             60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)             80 main stream: H.265+H.265+H.264+H.264             Sub-stream: H.265-H.264/MJPEG           Video Bit Rate         32 kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         1 fixed region for main stream           Audio         Audio Type         -U: Mono sound           Environment Noise Filtering         -U: Yes           Audio Sampling Rate         -U: 8 kHz/16 kHz           Audio Compression         -U: 64 kbps (G.711 allaw)/G.711alaw)/G.712.1/G.726/MP2L2/PCM/AAC-LC           Audio Bit Rate         -U: 64 kbps (G.711 ullaw)/G.46 kbps (G.711 allaw)/16 kbps (G.722.1)/16 kbps (G.726)/32	Supplement Light Type	White Light	
Video           Main Stream         50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265+H.264+H.264 Sub-stream: H.265+H.264+MJPEG           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile/Main Profile/High Profile           H.265 Type         Main Profile           Bit Rate Control         CBR/VBR           Region of Interest (ROI)         1 fixed region for main stream           Audio         Audio Type           Audio Type         -U: Mono sound           Environment Noise Filtering         -U: 8 kHz/16 kHz           Audio Compression         -U: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC           Audio Bit Rate         -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Supplement Light Range	Up to 30 m	
SO Hz:   20 fps (2560 × 1440)   25 fps (1920 × 1080, 1280 × 720)   60 Hz:   20 fps (2560 × 1440)   24 fps (1920 × 1080, 1280 × 720)   60 Hz:   20 fps (2560 × 1440)   24 fps (1920 × 1080, 1280 × 720)   750 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)   60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)   750 Hz: 24 fps (1280 × 420, 640 × 480, 640 × 360)   750 Hz: 24 fps (1280 × 4	Smart Supplement Light	Yes	
Main Stream	Video		
Main Stream		50 Hz:	
Main Stream		20 fps (2560 × 1440)	
Main Stream       60 Hz:         20 fps (2560 × 1440)       24 fps (1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)         Video Compression       Main stream: H.265/H.264/H.264         Sub-stream: H.265/H.264/MJPEG         Video Bit Rate       32 Kbps to 8 Mbps         H.264 Type       Baseline Profile/Main Profile/High Profile         H.265 Type       Main Profile         Bit Rate Control       CBR/VBR         Region of Interest (ROI)       1 fixed region for main stream         Audio         Audio Type       -U: Mono sound         Environment Noise Filtering       -U: Yes         Audio Sampling Rate       -U: 8 kHz/16 kHz         Audio Compression       -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC         Audio Bit Rate       -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32            Audio Bit Rate       -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32			
Sub-Stream       24 fps (1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         Video Compression       Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG         Video Bit Rate       32 Kbps to 8 Mbps         H.264 Type       Baseline Profile/Main Profile/High Profile         H.265 Type       Main Profile         Bit Rate Control       CBR/VBR         Region of Interest (ROI)       1 fixed region for main stream         Audio       Audio Type         Environment Noise Filtering       -U: Mono sound         Environment Noise Filtering       -U: Yes         Audio Compression       -U: 8 kHz/16 kHz         Audio Compression       -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC         Audio Bit Rate       -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Main Stream		
Sub-Stream       24 fps (1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         Video Compression       Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG         Video Bit Rate       32 Kbps to 8 Mbps         H.264 Type       Baseline Profile/Main Profile/High Profile         H.265 Type       Main Profile         Bit Rate Control       CBR/VBR         Region of Interest (ROI)       1 fixed region for main stream         Audio       Audio Type         Environment Noise Filtering       -U: Mono sound         Environment Noise Filtering       -U: Yes         Audio Compression       -U: 8 kHz/16 kHz         Audio Compression       -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC         Audio Bit Rate       -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32		20 fps (2560 × 1440)	
Sub-Stream 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)  Video Compression  Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG  Video Bit Rate 32 Kbps to 8 Mbps  H.264 Type Baseline Profile/Main Profile/High Profile H.265 Type Main Profile  Bit Rate Control CBR/VBR Region of Interest (ROI) 1 fixed region for main stream  Audio  Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32			
Video Compression  Main stream: H.265+/H.264/H.264 Sub-stream: H.265/H.264/MJPEG  Video Bit Rate  32 Kbps to 8 Mbps  H.264 Type Baseline Profile/Main Profile/High Profile  H.265 Type Main Profile  Bit Rate Control CBR/VBR  Region of Interest (ROI) 1 fixed region for main stream  Audio  Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32		50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)	
Video Compression  Sub-stream: H.265/H.264/MJPEG  Video Bit Rate  32 Kbps to 8 Mbps  H.264 Type  Baseline Profile/Main Profile/High Profile  H.265 Type  Main Profile  Bit Rate Control  CBR/VBR  Region of Interest (ROI)  1 fixed region for main stream  Audio  Audio  Audio Type  -U: Mono sound  Environment Noise Filtering  -U: Yes  Audio Sampling Rate  -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Sub-Stream	60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)	
Video Bit Rate 32 Kbps to 8 Mbps  H.264 Type Baseline Profile/Main Profile/High Profile  H.265 Type Main Profile  Bit Rate Control CBR/VBR  Region of Interest (ROI) 1 fixed region for main stream  Audio  Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32		Main stream: H.265+/H.265/H.264+/H.264	
H.264 Type Baseline Profile/Main Profile H.265 Type Main Profile Bit Rate Control CBR/VBR Region of Interest (ROI) 1 fixed region for main stream  Audio  Audio Type -U: Mono sound Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.7211alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Video Compression	Sub-stream: H.265/H.264/MJPEG	
H.265 Type Main Profile  Bit Rate Control CBR/VBR  Region of Interest (ROI) 1 fixed region for main stream  Audio  Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Video Bit Rate	32 Kbps to 8 Mbps	
Bit Rate Control  Region of Interest (ROI)  Audio  Audio  Audio Type  -U: Mono sound  Environment Noise Filtering  -U: Yes  Audio Sampling Rate  -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	H.264 Type	Baseline Profile/Main Profile/High Profile	
Region of Interest (ROI)  Audio  Audio Type  -U: Mono sound  Environment Noise Filtering  -U: Yes  Audio Sampling Rate  -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	H.265 Type	Main Profile	
Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Bit Rate Control	CBR/VBR	
Audio Type -U: Mono sound  Environment Noise Filtering -U: Yes  Audio Sampling Rate -U: 8 kHz/16 kHz  Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Region of Interest (ROI)	1 fixed region for main stream	
Environment Noise Filtering  -U: Yes  Audio Sampling Rate  -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32			
Audio Sampling Rate  -U: 8 kHz/16 kHz  Audio Compression  -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Audio Type	-U: Mono sound	
Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Environment Noise Filtering	-U: Yes	
-U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Audio Sampling Rate	-U: 8 kHz/16 kHz	
-U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC	
Audio Rit Kate	Audio Bit Rate	-U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32	
to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)		to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)	



Network	
	Password protection, complicated password, watermark, basic and digest
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video
	Interface, security audit log, host authentication (MAC address)
Simultaneous Live View	Up to 6 channels
ADI	Open Network Video Interface (Profile S, Profile G (only -F model supports), Profile T),
API	ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
11/11t	Up to 32 users
User/Host	3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11
web Browser	Local service: Chrome 57.0+, Firefox 52.0+
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,
image Settings	adjustable by client software or web browse
Privacy Mask	4 regions of privacy mask
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On Poard Storago	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256
On-Board Storage	GB
Built-in Microphone	-U: Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and
basic Everit	vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger
Lilikage	recording (-F), trigger capture
General	
	12 VDC ± 25%, 0.91 A, max. 11 W, Ø5.5 mm coaxial power plug, reverse polarity
Power	protection
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.34 A to 0.21 A, max. 12.5 W
Material	Front cover: metal, body: plastic, bracket: plastic
Dimension	Tront cover. metal, body. plastic, bracket. plastic
- Interior	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9")
Package Dimension	
	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9")
Package Dimension	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9") 300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8")
Package Dimension Weight	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9") 300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8") Approx. 900 g (2.0 lb.)
Package Dimension Weight With Package Weight	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9") 300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8") Approx. 900 g (2.0 lb.) Approx. 1520 g (3.3 lb.) -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Package Dimension Weight With Package Weight Storage Conditions	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9") 300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8") Approx. 900 g (2.0 lb.) Approx. 1520 g (3.3 lb.)
Package Dimension Weight With Package Weight Storage Conditions Startup and Operating	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9") 300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8") Approx. 900 g (2.0 lb.) Approx. 1520 g (3.3 lb.) -30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)



Approval		
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013 + A1: 2019, EN	
	50130-4: 2011 + A1: 2014	
	RCM: AS/NZS CISPR 32: 2015	
	IC: ICES-003: Issue 7	
	KC: KN32: 2015, KN35: 2015, FCC: 47 CFR Part 15, Subpart B	
Safety	UL: UL 62368-1	
	CB: IEC 62368-1: 2014 + A11	
	CE-LVD: EN 62368-1: 2014/A11: 2017	
	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005	
Environment	CE-RoHS: 2011/65/EU	
	WEEE: 2012/19/EU	
	Reach: Regulation (EC) No 1907/2006	
Protection	IP66: IEC 60529-2013	

### Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

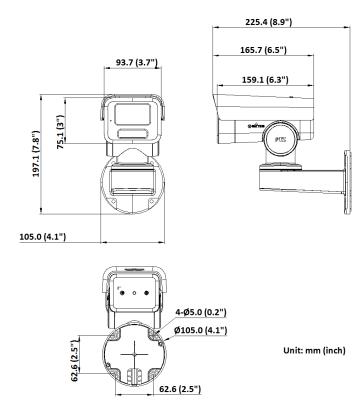
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti- corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti- corrosion protection is needed.

#### Available Model

DS-2CD1P47G2-LUF (2.8/4 mm) DS-2CD1P47G2-L (2.8/4 mm)



#### Dimension



#### Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com

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